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| Adventures in Aeronautics | | | |
| 2007 Mathematics | | | |
| State Frameworks | | | |
| Mississippi Mathematics | | | |
| Grade 3 | | | |
| Activity/Lesson | State | Standards | |
| Adventures in Aeronautics | MS | MA.3.1.b | Compare and order four-digit numbers using $<$, $>$, and $=$, and justify reasoning. |
| Adventures in Aeronautics | MS | MA.3.1.c | Estimate sums and differences of whole numbers to include strategies such as rounding. |
| Adventures in Aeronautics | MS | MA.3.1.e | Add (up to three addends) and subtract four-digit whole numbers with and without regrouping. |
| Adventures in Aeronautics | MS | MA.3.1.f | Model multiplication using arrays, equal-sized groups, area models, and equal-sized moves on the number line. |
| Adventures in Aeronautics | MS | MA.3.4.c | Measure capacity, weight/mass, and length in both English and metric systems of measurement. |
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| Adventures in Aeronautics | | | |
| 2007 Mathematics | | | |
| State Frameworks | | | |
| Mississippi Mathematics | | | |
| Grade 4 | | | |
| Activity/Lesson | State | Standards | |
| Adventures in Aeronautics | MS | MA.4.1.a | Add and subtract up to five-digit whole numbers with and without regrouping. |
| Adventures in Aeronautics | MS | MA.4.1.b | Add and subtract decimals through hundredths. |
| Adventures in Aeronautics | MS | MA.4.1.c | Explain two or more methods of multiplying whole numbers (one- and two-digits) with justification. |
| Adventures in Aeronautics | MS | MA.4.1.e | Add and subtract fractions with like denominators. |
| Adventures in Aeronautics | MS | MA.4.1.h | Estimate products and quotients of whole numbers to include strategies such as rounding. |
| Adventures in Aeronautics | MS | MA.4.1.i | Recall multiplication and division facts. |
| Adventures in Aeronautics | MS | MA.4.4.b | Convert capacity, weight/mass, and length within the English and metric systems of measurement. |
| Adventures in Aeronautics | MS | MA.4.4.c | Describe relationships of rectangular area to numerical multiplication. |
| Adventures in Aeronautics | MS | MA.4.4.d | Use appropriate tools to determine, estimate, and compare units for measurement of weight/mass, area, size of angle, temperature, length, distance, and volume in English and metric systems and time in real-life situations. |
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| Adventures in Aeronautics | | | |
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| 2007 Mathematics | | | |
| State Frameworks | | | |
| Mississippi Mathematics | | | |
| Grade 5 | | | |
| Activity/Lesson | State | Standards | |
| Adventures in Aeronautics | MS | MA.5.1.a | Compare and order integers, decimals to the nearest thousandths, like and unlike fractions, and mixed numbers using $>$, $<$, and $=$. |
| Adventures in Aeronautics | MS | MA.5.1.f | Add, subtract, multiply, and divide (with and without remainders) using nonnegative rational numbers. |
| Adventures in Aeronautics | MS | MA.5.1.g | Estimate sums, differences, products, and quotients of non-negative rational numbers to include strategies such as front-end rounding, benchmark numbers, compatible numbers, and rounding. |
| Adventures in Aeronautics | MS | MA.5.4.b | Convert units within a given measurement system to include length, weight/mass, and volume. |